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**PATENT ABSTRACTS OF JAPAN**(21) Application number: **11163523**(51) Intl. Cl.: **H01J 11/02 G09F 9/313**(22) Application date: **10.06.99**

<p>(30) Priority:</p> <p>(43) Date of application publication: <b>19.12.00</b></p> <p>(84) Designated contracting states:</p>	<p>(71) Applicant: <b>MITSUBISHI ELECTRI</b></p> <p>(72) Inventor: <b>SAKURAI TAKEHIKO</b> <b>SANO KO</b></p> <p>(74) Representative:</p>
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**(54) PLASMA DISPLAY  
PANEL, FILTER FOR  
PLASMA DISPLAY PANEL  
AND FRONT PANEL FOR  
PLASMA DISPLAY PANEL**

(57) Abstract:

**PROBLEM TO BE SOLVED:** To provide a plasma display panel manufactured with materials of less kinds and less labor and having improved color purity while suppressing reduction of luminance and to provide parts peculiar to it.

**SOLUTION:** This plasma display panel is provided with a phosphor layer 7 having phosphor luminescence sections 7R, 7G, 7B emitting light of phosphors 9 including red phosphors 9R, green phosphors 9G and blue phosphors 9B between a front face glass panel 1 and a back face glass panel 2 facing it. A filter 11 of neodymium oxide is provided at a portion where the light from the phosphor layer 7 is emitted, and light emitted toward the front

face glass panel 1 side from the phosphor layer 7 is optically filtered. The wavelength component by neon luminescence is selectively attenuated, and color purity is improved while reduction of luminance is suppressed.

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